WHAT IS CLAIMED IS:

1. A semiconductor laser device containing a laser driver, comprising:

a semiconductor laser element;

a laser driver for driving the semiconductor laser element;

a lead frame having a common mount surface on which the semiconductor laser element and the laser driver are mounted; and

one common package for accommodating therein the semiconductor laser element and the laser driver.

2. The semiconductor laser device containing a laser driver according to Claim 1, wherein the semiconductor laser device further comprises:

a signal detection part for performing photoelectric conversion, wherein

the signal detection part is mounted on the common mount surface of the lead frame and moreover accommodated in the common package; and

a hologram element provided upward of the semiconductor laser element and serving for transmitting laser light emitted by the semiconductor laser element toward a recording medium and then diffracting toward the signal detection part the laser light reflected by the recording medium.

3. The semiconductor laser device containing a laser driver according to Claim 2, wherein

the laser driver and the signal detection part are disposed on both sides with respect to an optical axis of the semiconductor laser element.

4. The semiconductor laser device containing a laser driver according to Claim 2, wherein

the laser driver and the signal detection part are disposed on both sides of the semiconductor laser element in such a direction that laser light emitted by the semiconductor laser element results in a narrower breadth.

5. The semiconductor laser device containing a laser driver according to Claim 3, wherein

the laser driver and the signal detection part are disposed on both sides of the semiconductor laser element in such a direction that laser light emitted by the semiconductor laser element results in a narrower breadth.

6. The semiconductor laser device containing a laser driver according to Claim 2, wherein

the laser driver and the monitor detection part are integrated as a submount member having a planar outer configuration, and the submount member is disposed vertical to an optical axis of the semiconductor laser element.

7. The semiconductor laser device containing a laser driver according to Claim 2, wherein

the semiconductor laser element is disposed so as to emit laser light parallel to the common mount surface, and a mirror for reflecting the emitted laser light so as to raise the laser light vertical to the common mount surface is mounted on the common mount surface.

8. The semiconductor laser device containing a laser driver according to Claim 6, wherein

a heat-radiating lead is connected to the laser driver.

9. The semiconductor laser device containing a laser driver according to Claim 3, further comprising

lead pins extending in one direction within a plane along the common mount surface, wherein

a direction along which the laser driver, the semiconductor laser element and the signal detection part are arrayed and a direction along which the lead pins extend are coincident with each other.

10. The semiconductor laser device containing a laser driver according to Claim 3, further comprising

lead pins extending in one direction within a plane along the common mount surface, wherein

a direction along which the laser driver, the semiconductor laser element and the signal detection part are arrayed and a direction along which the lead pins extend are vertical to each other.

11. The semiconductor laser device containing a laser driver according to Claim 1, further comprising

a monitor detection part for monitoring an optical output of the semiconductor laser element, wherein

the laser driver drives the semiconductor laser element based on an output of the monitor detection part,

the monitor detection part is mounted on the common mount surface of the lead frame and moreover accommodated in the common package, and wherein

the laser driver and the monitor detection part are integrated as a submount member having a planar outer configuration.

12. The semiconductor laser device containing a laser driver according to Claim 11, wherein

the laser driver integrated into the submount member is disposed along an optical-axis direction of the monitor detection part.

13. The semiconductor laser device containing a laser driver according to Claim 1, wherein

an output-control use lead is connected to the laser driver.

14. The semiconductor laser device containing a laser driver according to Claim 1, wherein

the semiconductor laser element is disposed so as to emit laser light parallel to the common mount surface, and a mirror for reflecting the emitted laser light so as to raise the laser light vertical to the common mount surface is mounted on the common mount surface.

15. Electronic equipment having the laser device as defined in Claim 1.